

CLAIMS

- [001] A household appliance, especially a washing machine or dishwasher, with an electronic program controller for controlling rinsing program sequences comprising a programmable control module (1) which has an interface (8) for programming at least one rinsing program sequence which can be executed by the program controller, characterised in that programming can be carried out without dismantling parts of the household appliance.
- [002] The household appliance according to claim 1, characterised in that the interface (8) can be contacted directly from outside the dishwasher.
- [003] The household appliance according to claim 1 or claim 2, wherein the interface (8) of the programmable control module (1) comprises a number of contacts for external programming of the control module, which are preferably embodied as plug connections.
- [004] The household appliance according to claim 1, wherein the interface (8) of the programmable control module (1) is embodied as an infrared interface or as a wireless radio connection.
- [005] The household appliance according to any one of the preceding claims, wherein the programmable control module (1) comprises electronic components (4) required for the program controller and preferably at least one microprocessor (5) and/or memory means.
- [006] The household appliance according to any one of the preceding claims, wherein the programmable control module (1) contains an operating system for programming the control module (1).
- [007] The household appliance according to any one of the preceding claims, wherein the programmable control module (1) comprises a power supply input filter for filtering

higher frequencies which preferably filters out frequencies in the range of 150 kHz to 30 MHz or from 30 MHz to 300 MHz.

[008] The household appliance according to any one of the preceding claims, wherein the programmable control module (1) comprises a primary power plug connector (10) for the power supply of the programmable control module (1) and the dishwasher.

[009] The household appliance according to claim 8, wherein the primary power plug connector (10) and the interface (8) for external programming of the programmable control module (1) can be contacted via a combination plug connector in which preferably both the complementarily constructed counterpart to the primary power plug connector (10) and also the complementarily constructed counterpart to the interface (8) are combined to form a unit.

[010] The household appliance according to any one of the preceding claims, wherein at least one electrical connection (6) is provided for the electrical connection of the programmable control module (1) with the dishwasher, which is preferably embodied as a group plug (6) with a plurality of electrical contacts (7).

[011] The household appliance according to any one of the preceding claims, wherein the programmable control module comprises at least one board (13) whereon electronic components (4) required for the program controller are arranged and which can be inserted with an electrical connection (6) into a complementarily constructed slot in the dishwasher provided for this purpose, wherein a section at the edge of the board (13) is preferably embodied as an electrical connection (6) with a number of electrical contacts (7).

[012] The household appliance according to any one of the preceding claims, wherein the programmable control module (1) is located in the bottom tray of the dishwasher and the interface (8) for programming the control module can be contacted from outside the dishwasher.